

Table 1 - PCB Air Monitoring Results
Fletcher's Paint Works and Storage Facility Superfund Site

Sampling Event Date ²	Project Action Level ($\mu\text{g}/\text{m}^3$)	Field Blank (μg)	Wind direction (from) & speed (mph) ²	Temp Hi/Avg °F ²	FP-1	FP-2	FP-3	FP-9	FP-4	FP-4A	FP-5	FP-6	FP-6A	FP-7	FP-8	FP-10	FP-11
					Elm Street ($\mu\text{g}/\text{m}^3$)	Mill Street ($\mu\text{g}/\text{m}^3$)	Background ($\mu\text{g}/\text{m}^3$)	Mill Street ($\mu\text{g}/\text{m}^3$)	Mill Street ($\mu\text{g}/\text{m}^3$)	Boys & Girls Club ($\mu\text{g}/\text{m}^3$)							
2/17-2/18/2016	0.1	ND		0.000262	0.000262	0.000307	NS	0.104	NS	0.497	0.0283	NS	0.000206	NA	NS	NS	
2/18-2/19/2016		ND		0.0266	0.00528	0.00343	NS	0.218	NS	0.128	0.0821	NS	0.00228	NA	NS	NS	
3/9-3/10/2016		0.0317		0.149	0.065	0.0722	NS	1.19	NS	1.95	1.46	NS	0.0022	NA	NS	NS	
3/21-3/22/2016		ND		0.01016	0.00471	0.0129	NS	0.0317	NS	0.194	0.312	NS	NS	NA	NS	NS	
3/22-3/23/2016		ND		0.024	0.0133	0.0368	NS	0.182	NS	0.607	0.605	NS	NS	NA	NS	NS	
3/23-3/24/2016		ND		0.0328	0.0589	0.00178	NS	0.243	NS	0.0632	0.0244	NS	NS	NA	NS	NS	
3/28-3/29/2016		ND		0.015	**	0.0113	NS	0.192	NS	0.146	0.122	NS	NS	NA	NS	NS	
3/29-3/30/2016		ND		0.0141	**	0.0181	NS	0.0542	NS	0.247	0.123	NS	NS	NA	NS	NS	
3/31-4/1/2016		ND	S /0-10	0.0093	0.028	0.2	NS	0.018	NS	0.049	0.57	NS	NS	0.0074	NS	NS	
4/4-4/5/2016*		ND	NW 5-15	0.0013	0.00941	0.000832	NS	0.0191	NS	0.034	0.0133	NS	NS	0.00425	NS	NS	
4/5-4/6/2016		ND	W 1st S 2nd 0-10		NS	NS	NS	NS	0.0224	NS	0.114	0.112	NS	NS	0.0017	NS	NS
4/6-4/7/2016		ND	SE 0-15 gust 28		NS	NS	NS	NS	NS	0.0181	0.0759	0.0814	NS	NS	0.035	NS	NS
4/7-4/8/2016		ND	W 0-15		NS	NS	NS	NS	NS	0.013	0.15	0.24	NS	NS	0.006	NS	NS
4/8-4/9/2016		ND	-	0.00397	0.011	0.0164	0.023	NS	0.00838	0.112	0.0757	NS	NS	0.00282	NS	NS	
4/11-4/12/2016		ND	S 1st W 2nd 0-10		0.0368	0.0849	0.0288	0.0873	NS	0.0335	0.217	0.208	NS	NS	0.0246	NS	NS
4/12-4/13/2016		ND	W 1st NW 2nd 0-15		0.0124	0.016	0.017	0.0464	NS	0.0109	0.104	0.114	NS	NS	0.00474	NS	NS
4/13-4/14/2016		ND	S 1st W 2nd 0-10		0.0105	0.0532	0.0134	0.172	NS	0.025	0.128	0.119	NS	NS	0.008	NS	NS
4/14-4/15/2016		ND	NW 1st N 2nd 0-10		0.0211	0.096	0.0176	0.0969	NS	0.0175	0.0844	0.123	NS	NS	0.0263	NS	NS
4/18-4/19/2016		ND	N 0-20 gust 30		0.0854	0.247	0.0074	0.0827	NS	0.0165	0.0857	0.0513	NS	NS	0.0695	NS	NS
4/19-4/20/2016		ND	N 1st NW 2nd 5-10		0.00721	0.0404	0.0121	0.288	NS	0.0347	0.154	0.0937	NS	NS	0.00822	NS	NS
4/20-4/21/2016		ND	calm W 0-5 midday		0.015	0.0642	0.0372	0.141	NS	0.0244	0.0968	0.176	NS	NS	0.00921	NS	NS
4/21-4/22/2016		ND	calm		0.103	0.122	0.117	0.257	NS	0.0261	0.2	0.572	NS	NS	0.0568	NS	NS
4/25-4/26/2016		ND	E 1st NE 2nd 0-10		0.0146	0.0526	0.0132	0.0607	NS	0.0116	0.0408	0.0471	NS	NS	0.0219	NS	NS

0.1	4/26-4/27/2016	ND	NW 1st S 2nd 0-10		0.0059	0.0239	0.0078	0.041	NS	0.0088	0.0252	0.0404	NS	NS	0.0071	NS	NS
	4/27-4/28/2016	ND	NW 0-10		0.00587	0.0192	0.0161	0.0815	NS	0.00849	0.0625	0.0933	NS	NS	0.00248	0.00159	NS
	4/28-4/29/2016	ND	NE 1st SE 2nd 0-10		0.00851	0.0493	0.0091	0.0418	NS	0.00892	0.0531	0.0287	NS	NS	0.0234	NS	NS
	5/2-5/3/2016	ND	NE 1st W 2nd 0-5	48/na	0.00745	0.0188	0.00491	0.0477	NS	0.0195	0.0763	0.0226	NS	NS	0.0142	NS	NS
	5/3-5/4/2016	ND	E 0-10 high 57	57/50	0.0102	0.0381	0.00187	0.0191	NS	0.00637	0.0291	0.0247	NS	NS	0.033	NS	NS
	5/4-5/5/2016	ND	E 0-10 high 50	50/45	0.00913	0.041	0.000709	0.0163	NS	0.0117	0.0264	0.00618	NS	NS	0.035	NS	NS
	5/5-5/6/2016	ND	NE 0-10 high 67	67/57	0.00481	0.0345	0.00246	0.0254	0.11	0.0228	0.0753	0.0548	NS	NS	0.0245	NS	NS
	5/9-5/10/2016	ND	W 0-15 high 51	61/51	0.0103	0.0355	0.0146	0.0461	NS	0.0086	0.0809	0.131	NS	NS	0.00755	NS	NS
	5/10-5/11/2016	ND	W 1st N 2nd 0-10	78/65	NS	NS	NS	NS	NS	0.0175	0.117	0.236	NS	NS	0.00571	NS	NS
	5/11-5/12/2016	ND	NW 1st SE 2nd 0-10	81/64	0.0322	0.122	0.0329	0.0906	NS	0.0205	0.0972	0.236	NS	NS	0.00942	NS	NS
	5/16-5/17/2016	ND	W 1st S 2nd 0-20	57/47	0.00375	0.0257	0.00529	0.0337	0.0394	0.0177	0.0909	0.133	NS	NS	0.00602	NS	NS
	5/17-5/18/2016	ND	W 0-10	75/55	0.00368	0.0547	0.0122	0.0327	0.0285	0.0079	0.0947	NS	0.0714	NS	0.00282	NS	NS
	5/18-5/19/2016	ND	NW 0-5	78/60	NS	NS	NS	NS	0.051	0.0139	0.0477	NS	0.0659	NS	0.0223	NS	NS
	5/19-5/20/2016	ND	S 0-5	78/63	NS	NS	NS	NS	0.057	0.0138	0.0516	NS	0.112	NS	0.0176	NS	NS
	5/23-5/24/2016	ND	E 1st NE 2nd 0-5	86/66	NS	NS	NS	NS	0.0626	0.0137	0.09	NS	0.037	NS	0.0711	NS	NS
	5/24-5/25/2016	0.371	NE 0-5	64/58	0.0293	0.184	0.0105	0.0226	0.058	0.00802	0.0467	NS	0.0258	NS	0.0475	NS	NS
	5/25-5/26/2016	ND	SW 0-5	87/71	0.0241	0.512	0.0446	0.105	0.0615	0.0154	0.126	NS	0.2	NS	0.0156	NS	NS
	5/31-6/1/2016	ND	NE 0-5	85/70	NS	NS	NS	NS	0.0717	0.00894	0.164	NS	0.000695	NS	0.0112	NS	NS
	6/1-6/2/2016	ND	NE 0-5	81/65	0.11	0.352	0.0164	0.0614	0.184	0.00816	0.0486	NS	0.164	NS	0.196	NS	NS
	6/2-6/3/2016	ND	S 0-5	73/65	0.13	0.245	0.00435	0.0153	0.101	0.0065	0.0275	NS	0.0149	NS	0.142	NS	NS
	6/6-6/7/2016	ND	S 0-5	73/65	NS	NS	NS	NS	0.0686	0.00914	0.139	NS	0.428	NS	0.0348	NS	NS
	6/7-6/8/2016	ND	SE 1st SW 2nd 0-5	83/69	0.0153	0.256	0.0577	0.039	0.0492	0.0102	0.12	NS	0.0928	NS	0.0046	NS	NS
	6/8-6/9/2016	ND	S 1st SW 2nd 0-10	74/65	0.0033	0.204	0.0287	0.0424	0.0315	0.00939	0.187	NS	0.0896	NS	0.00122	0.00135	NS
	6/9-6/10/2016	ND	SW 1st S 2nd 10-20	64/57	NS	NS	NS	NS	0.043	0.0165	0.215	NS	0.13	NS	0.000315	NS	NS
	6/14-6/15/2016	ND	NW 10-15	77/66	NS	NS	NS	NS	0.0697	0.0771	0.313	NS	0.616	NS	0.0344	0.00199	NS
	6/15-6/16/2016	ND	NW 10-15	82/70	0.00731	0.321	0.0536	0.191	0.0438	0.037	0.22	NS	0.411	NS	0.0137	NS	NS
	6/20-6/21/2016	ND	S 0-5	90/73	NS	NS	NS	NS	0.113	0.023	0.236	NS	0.284	NS	0.085	NS	NS
	6/21-6/22/2016	ND	SW 1st S 2nd 0-5	85/72	0.014	0.22	0.109	0.0749	0.023	0.00453	0.212	NS	0.71	NS	0.00998	NS	NS
	6/22-6/23/2016	ND	W 1st SW 2nd 0-5	75/63	0.014	0.21	0.066	0.15	0.032	0.012	0.22	NS	0.47	NS	0.014	NS	NS
	6/23-6/24/2016	ND	NW 0-5	84/72	NS	NS	NS	NS	0.14	0.0436	0.195	NS	***	NS	0.0724	NS	NS
	6/27-6/28/2016	ND	S 0-5	88/76	NS	NS	NS	NS	***	0.00296	***	NS	0.34	NS	0.0166	NS	NS
	6/28-6/29/2016	ND	S 0-5	81/72	0.0846	0.143	0.0553	0.12	0.0697	0.00597	0.177	NS	0.241	NS	0.0653	NS	NS
	6/29-6/30/2016	ND	S 1st SW 2nd 0-5	87/75	0.0194	0.163	0.171	0.00427	0.0941	0.0393	0.451	NS	0.859	NS	0.0444	NS	NS
	6/30-7/1/2016	ND	NW 0-5	87/72	NS	NS	NS	NS	0.0778	0.0523	0.357	NS	0.943	NS	0.0357	NS	NS
	7/6-7/7/2016	ND	SW 0-5	94/78	0.0149	0.136	0.186	0.142	0.103	0.0397	0.378	NS	0.709	NS	0.125	NS	NS
	7/7-7/8/2016	ND	S 0-5	93/80	NS	NS	NS	NS	0.237	0.0218	0.144	NS	0.0991	NS	0.214	NS	NS
	7/11-7/12/2016	ND	NW 0-5	82/69	NS	NS	NS	NS	0.183	0.0774	0.451	NS	0.627	NS	0.106	NS	NS
	7/12-7/13/2016	ND	SW 0-5	90/72	0.00591	0.103	0.133	0.287	0.291	0.035	0.729	NS	0.916	NS	0.146	NS	NS
	7/13-7/14/2016	ND		94/77	NS	NS	NS	NS	0.17	0.0197	0.539	NS	0.451	NS	0.122	NS	NS
	7/14-7/15/2016	ND	S 0-5	89/79	0.133	0.101	0.226	0.171	0.0777	0.0144	0.386	NS	0.113	NS	0.0532	NS	NS
	7/18-7/19/2016	ND	S 0-5	91/78	NS	NS	NS	NS	0.105	0.0494	0.606	NS	0.65	NS	0.117	NS	NS
	7/19-7/20/2016	ND	W 5-10	80/73	0.0111	0.0362	0.118	0.26	0.0597	0.103	0.792	NS	0.634	NS	0.0323	NS	NS
	7/20-7/21/2016	ND	W 0-5	83/68	0.00844	0.0671	0.0808	0.283	0.0826	0.0672	0.916	NS	0.48	NS	0.0398	NS	NS
	7/21-7/22/2016	ND	S 0-5	89/72	NS	NS	NS	NS	0.0512	0.0304	0.56	NS	0.843	NS	0.075	NS	NS
	7/25-7/26/2016	ND	S 0-5	95/82	NS	NS	NS	NS	0.157	0.0491	0.413	NS	0.506	NS	0.118	NS	NS
	7/26-7/27/2016	ND	NW 10-15	93/81	0.0096	0.103	0.0621	0.355	0.102	0.0731	0.75	NS	0.482	NS	0.0429	NS	NS

0.1	7/27-7/28/2016	ND	NW 0-5	93/81	0.0236	0.201	0.0971	0.786	NS	NS	NS	NS	NS	NS	NS
	7/28-7/29/2016	ND	W 0-5	91/77	NS	NS	NS	NS	0.0798	0.0442	0.365	NS	0.4	NS	0.0503
	8/1-8/2/2016	ND	NW 0-5	73/68	NS	NS	NS	NS	0.202	0.0659	0.257	NS	0.121	NS	0.151
	8/2-8/3/2016	ND	NW 0-5	79/70	ND	0.0693	0.0834	0.146	0.101	0.0277	0.106	NS	0.343	NS	0.125
	8/3-8/4/2016	ND	NW 0-5	87/70	0.0903	0.229	0.223	0.378	0.409	0.00685	0.265	NS	1.17	NS	0.205
	8/4-8/5/2016	NS	W 0-5	86/72	NS	NS	NS	NS	0.172	0.0477	0.367	NS	1.41	NS	0.196
	8/8-8/9/2016	ND	NW 5-10	88/73	NS	NS	NS	NS	0.000542	0.00342	0.159	NS	0.303	NS	0.144
	8/9-8/10/2016	ND	NW 0-5	90/73	0.0333	0.14	0.125	0.337	0.562	0.189	0.874	NS	0.912	NS	0.144
	8/10-8/11/2016	ND	NW 0-5	88/70	0.147	0.161	0.319	0.525	0.476	0.0388	1.02	NS	1.87	NS	0.247
	8/11-8/12/2016	ND	NW 0-5	88/70	NS	NS	NS	NS	0.0844	0.0532	1.02	NS	1.08	NS	0.0729
	8/15-8/16/2016	ND	NW 5-10	85/71	NS	NS	NS	NS	0.0516	0.0292	0.394	NS	0.0854	NS	0.0145
	8/16-8/17/2016	ND	SE 0-5	82/72	0.0492	0.00749	0.168	0.218	0.105	0.0147	0.448	NS	0.147	NS	0.178
	8/17-8/18/2016	ND	NW 15-35	80/76	0.0234	0.0495	ND	0.302	0.0601	0.0694	0.687	NS	0.687	NS	0.0329
	8/18-8/19/2016	ND	W 0-5	89/76	NS	NS	NS	NS	0.086	0.0252	0.491	NS	0.848	NS	0.0708
	8/22-8/23/2016	ND	NW 15-20	75/70	NS	NS	NS	NS	0.0415	0.0124	0.138	NS	ND	NS	0.00694
	8/23-8/24/2016	0.582	W 5-10	81/70	0.0263	0.107	0.0735	0.191	0.0394	0.000412	0.114	NS	0.256	NS	0.0409
	8/24-8/25/2016	ND	NW 0-5	87/70	0.046	0.194	0.155	0.306	0.0741	0.0256	0.157	NS	0.599	NS	0.136
	8/25-8/26/2016	ND	NW 0-5	84/74	NS	NS	NS	NS	0.0405	0.00734	0.0771	NS	0.109	NS	0.12
	8/29-8/30/2016	ND	NW 0-15	84/70	NS	NS	NS	NS	0.0439	0.021	0.129	NS	0.142	NS	0.0371
	8/30-8/31/2016	ND	NW 0-15	81/68	0.197	0.116	0.102	0.129	0.0307	0.00835	0.0858	NS	0.203	NS	0.064
	8/31-9/1/2016	ND	W 0-5	82/72	0.177	0.135	0.128	0.169	0.0491	0.00918	0.107	NS	0.327	NS	0.125
	9/1-9/2/2016	ND	W 0-5	78/74	NS	NS	NS	NS	0.0577	0.0152	0.108	NS	0.0446	NS	0.0475
	9/6-9/7/2016	ND	N 5-10	71/66	0.0115	0.0884	0.0159	0.0522	0.0882	0.0128	0.0784	NS	0.0133	NS	0.0154
	9/7-9/8/2016	ND	NE 5-10	74/67	NS	0.107	0.0372	0.102	0.155	0.0124	0.149	NS	0.00437	NS	0.127
	9/8-9/9/2016	ND	SW 0-5	85/77	NS	NS	NS	NS	0.179	0.0216	0.276	NS	0.118	NS	0.201
	9/13-9/14/2016	ND	SW 10-15	83/72	NS	0.16	0.029	0.254	0.0622	0.0274	0.194	NS	0.26	NS	0.0479
	9/14-9/15/2016	ND	W 10-15	84/72	NS	0.0293	0.0529	0.0277	0.0379	0.0227	0.419	NS	0.0723	NS	0.00711
	9/20-9/21/2016	ND	NW 0-5	83/74	NS	ND	0.125	0.000635	0.0701	0.000771	0.127	NS	0.0948	NS	0.0541
		Average				0.0365	0.1080	0.0619	0.1477	0.1207	0.0261	0.2655	0.1871	0.4073	0.0016
															0.0598
															0.0016
															0.0302

Notes:

1. Samples were collected by Arcadis and submitted to Pace Analytical or Test America for analysis of PCBs.
2. PCB data represent a 24-hour monitoring period ending on the date indicated. Wind and temperature data represent the data on the 1st day listed.
3. ND - Analyte was not detected.
4. Bolded & highlighted values indicate an exceedance of the applicable criterion.
5. Collocated samples were collected on several days at the beginning of the project. The results were consistent with location results, so they were not presented here due to averaging.
6. NS = not sampled
7. * = Note over 4 inches of snow fell on Monday 4/4/16, start date for this sampling event.
8. ** = Monitor malfunction therefore no sample collected. Device has been repaired.
9. *** = No sample was collected at the specified location due to demolition of a structure in the vicinity of the monitoring location by the property owner.
10. **** = Sample not collected due to power loss overnight (circuit breaker tripped).